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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/731,917	12/08/2000	Xin Wang	107146	9895

7590

04/23/2004

Oliff & Berridge PLC  
P.O. Box 19928  
Alexandria, VA 22320

EXAMINER
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NGUYEN, THANH T

ART UNIT	PAPER NUMBER
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2144

DATE MAILED: 04/23/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/731,917

Applicant(s)

WANG, XIN

Examiner

Tammy T Nguyen

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE (3) MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 08 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 December 2000 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_



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*Detailed Office Action*

1. This action is in response to the application 09/731917 filed. **December 08,2000**
2. Claims 1-10 have been examined.

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Gennaro et al. (USPN 5,937,066- – Date of Patent: August 10, 1999, herein referred to as “Gennaro”).
3. As to claim 1, Gennaro teaches the invention as claimed, including a method for using a protected document, comprising: receiving a document usage request for using the protected document in a session (col.13, lines 47-50, message transmits is encrypted and decrypted); authenticating the protected document (col.10, lines 51-55); authorizing usage of the protected document (col.10, lines51-55, and col.25, lines 50-60); creating a

session key for the session (col.10, lines 58-62); issuing a proxy key that delegates decryption to the session (col.10, lines 57-67, key –encrypting key allowing them to decrypt the encrypted data keys (session key)); rendering the protected document (col.14, lines 35-38); performing proxy transformation on the rendered document using the proxy key (col.16, lines 45-50); and decrypting the proxy transformed document using the session key (col.16, lines 15-20, col.10, lines 50-67).

4. As to claim 2, Gennaro teaches the invention as claimed, further comprising: retrieving terms and conditions of the session; retrieving usage parameters and system resource information for the session; and comparing the retrieved usage parameters and system resources and the retrieved terms and conditions, wherein the authorized usage is based on comparison results of the retrieved usage parameters and system resources and the retrieved terms and conditions (col.10, lines 51-67).
5. As to claim 3, Gennaro teaches the invention as claimed, wherein the retrieved terms and conditions are associated with at least one of identification of the protected document and usage type (col.14, lines 35-38).
6. As to claim 4, Gennaro teaches the invention as claimed, wherein the document usage request contains at least one of document identification, usage type, and user identification (col.30, lines 41-55).
7. As to claim 5, Gennaro teaches the invention as claimed, wherein authenticating the protected document comprises at least one of: checking a digital signature associated with the protected document; and verifying integrity of each component of the protected document (col.11, lines 30-35).

8. As to claim 6, Gennaro teaches the invention as claimed, including a usage authorization system for using a protected document, comprising: a request receiving device that receives a document usage request for using the protected document in a session (col.13, lines 47-50, message transmits is encrypted and decrypted); a document processing device that authenticates the protected document (col.10, lines 51-55); a document source that authorizes usage of the protected document, and issues a proxy key that delegates decryption to the session (col.10, lines 57-67, key –encrypting key allowing them to decrypt the encrypted data keys (session key)); an access device that, along with the document device, creates a session key for the session, wherein the document processing device renders the protected document, performs proxy transformation on the rendered document using the proxy keys, and decrypts the proxy transformed document using the session key (col.14, lines 35-38, col.16, lines 45-50, col.16, lines 15-20, col.10, lines 50-67);
9. As to claim 7, Gennaro teaches the invention as claimed, wherein the document source retrieves terms and conditions of the session, retrieves usage parameters and system resource information for the session, and compares the retrieved usage parameters and system resources and the retrieved terms and conditions, the authorized usage being based on comparison results of the retrieved usage parameters and system resources and the retrieved terms and conditions (col.10, lines 51-67).
10. As to claim 8, Gennaro teaches the invention as claimed, wherein the retrieved terms and conditions are associated with at least one of identification of the protected document and usage type (col.14, lines 35-38).

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11. As to claim 9, Gennaro teaches the invention as claimed, wherein the document usage request contains at least one of document identification, usage type, and user identification (col.30, lines 41-55).

12. As to claim 10, Gennaro teaches the invention as claimed, wherein the document processing device authenticates the protected document by at least one of: checking a digital signature associated with the protected document; and verifying integrity of each component of the protected document (col.11, lines 30-35).

### ***Conclusion***

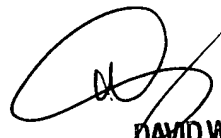
13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

14. Any inquiries concerning this communication or earlier communications from the examiner should be directed to **Tammy T. Nguyen** who may be reached via telephone at **(703) 305-7982**. The examiner can normally be reached Monday through Friday between 8:00 a.m. and 4:30 p.m. eastern standard time.

If you need to send the Examiner, a facsimile transmission regarding this instant application, please send it to **(703) 872-9306**. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's Supervisor, **David Wiley**, may be reached at **(703) 308-5221**.

*TTN*

April 13, 2004

  
**DAVID WILEY**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**